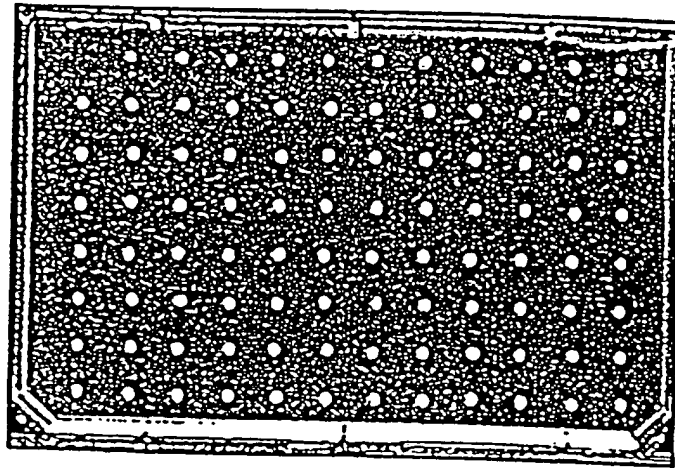


**FIG. 1**



*FIG. 2*

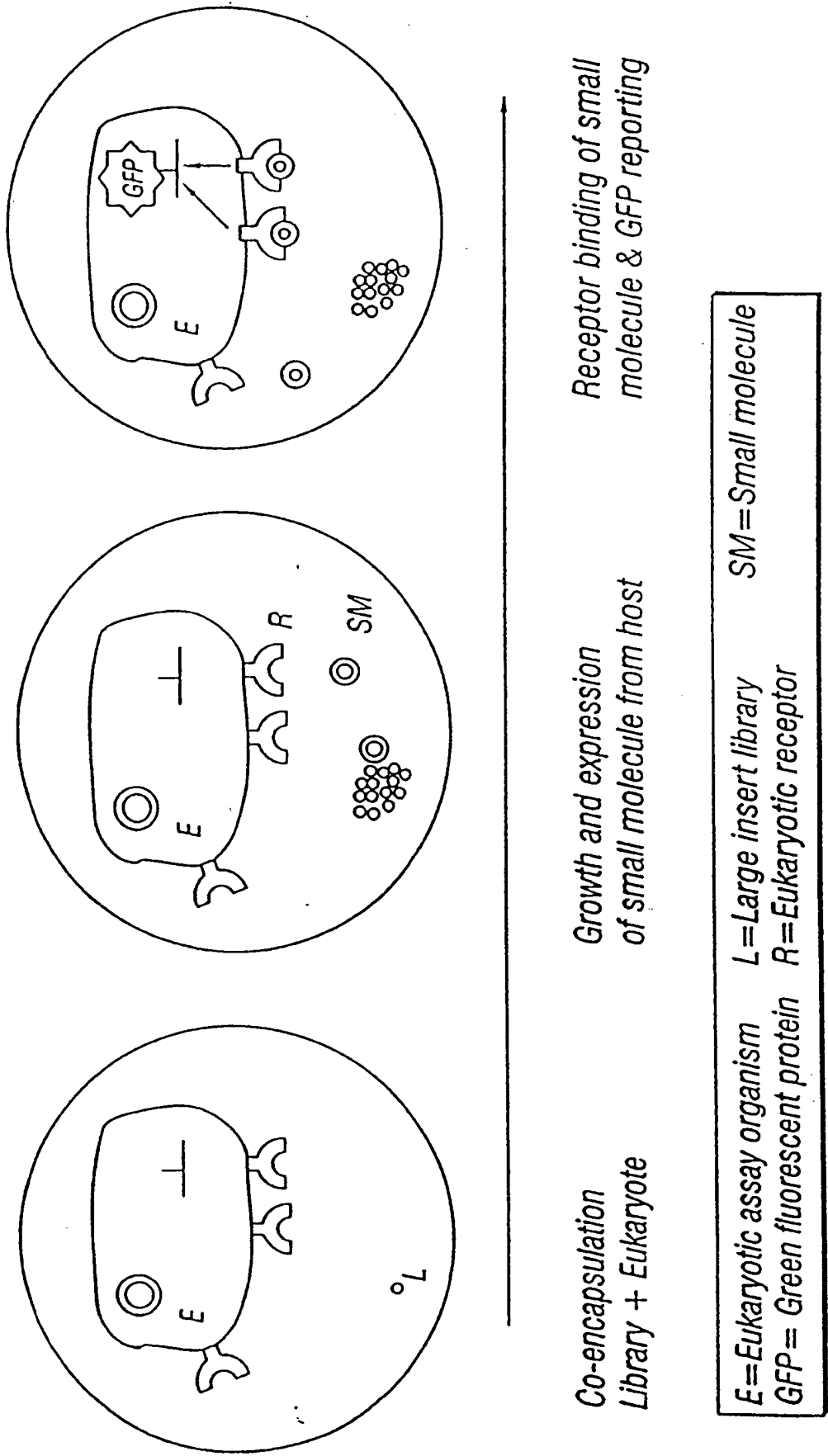


FIG. 3

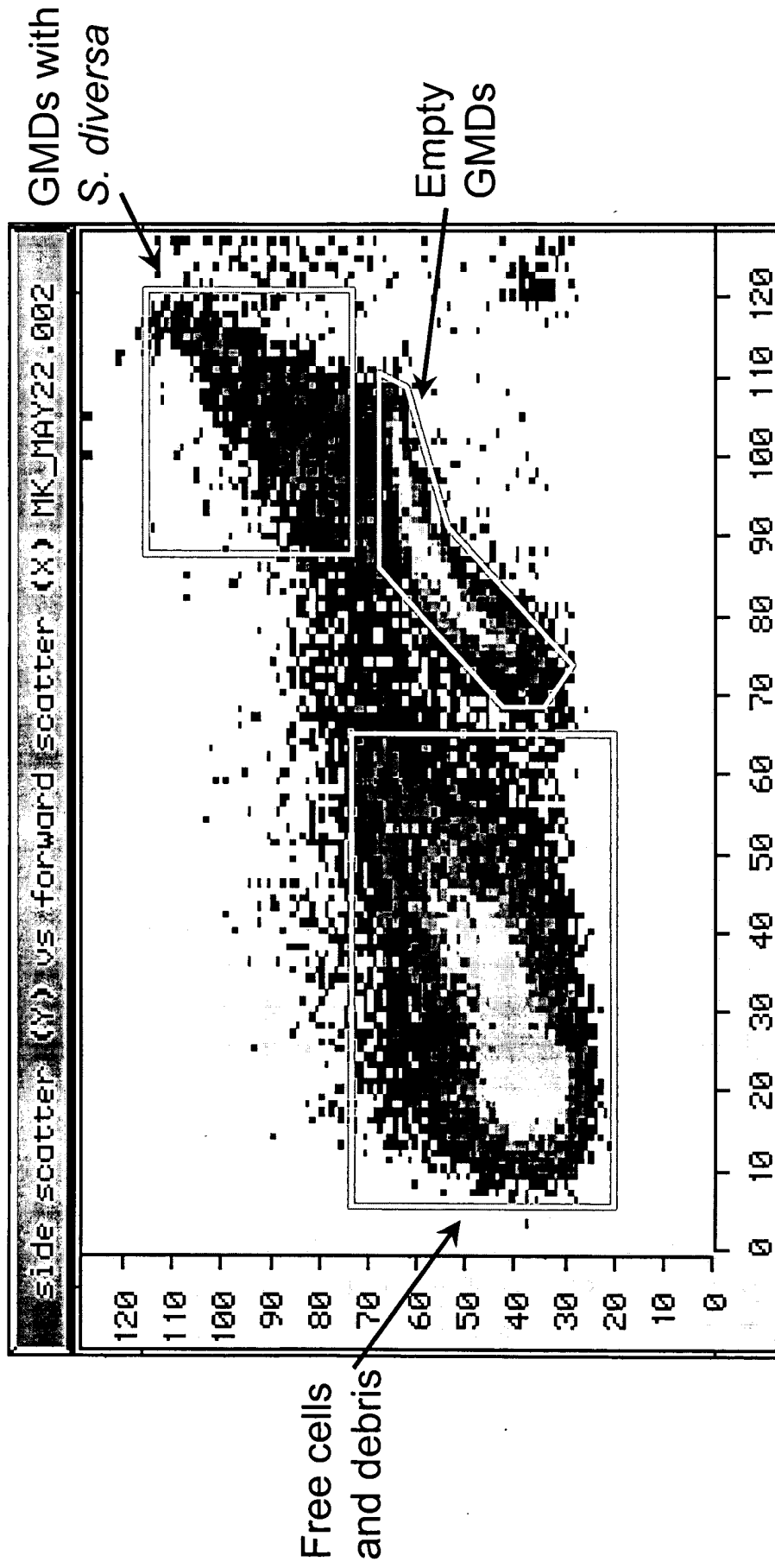


Fig 4

# Whole Cell Hybridization Protocol (+ control)

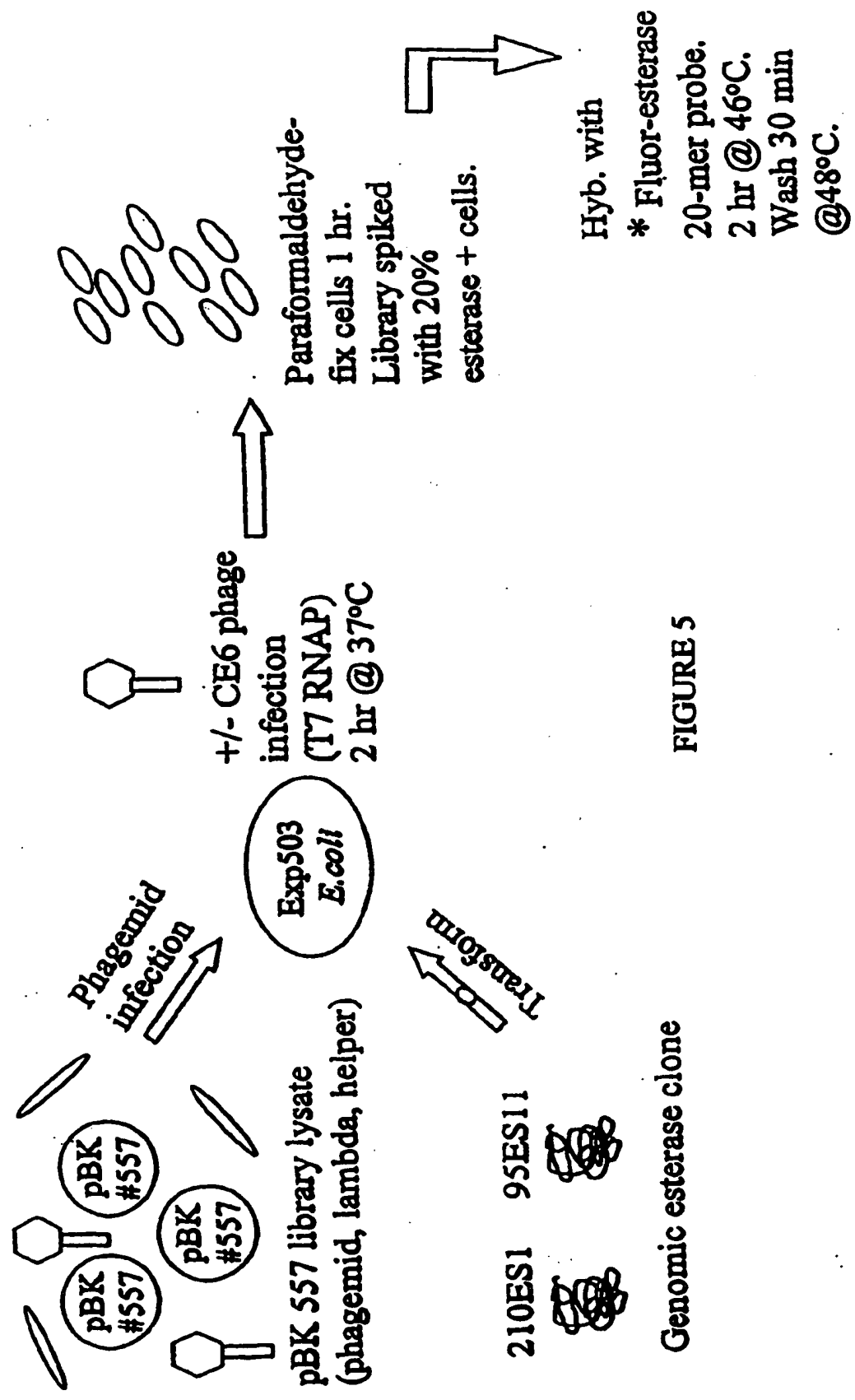


FIGURE 5

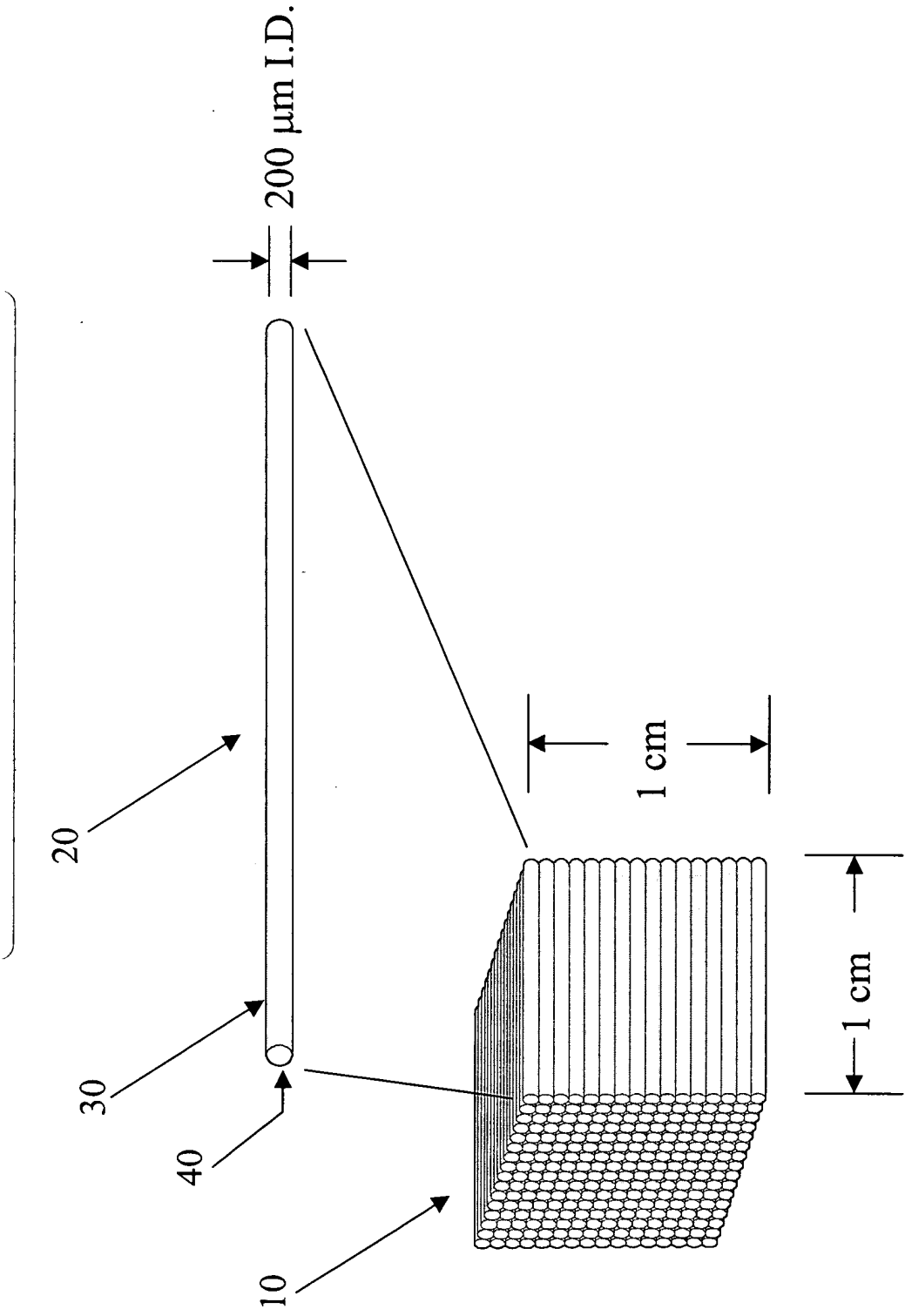


Fig. 6A

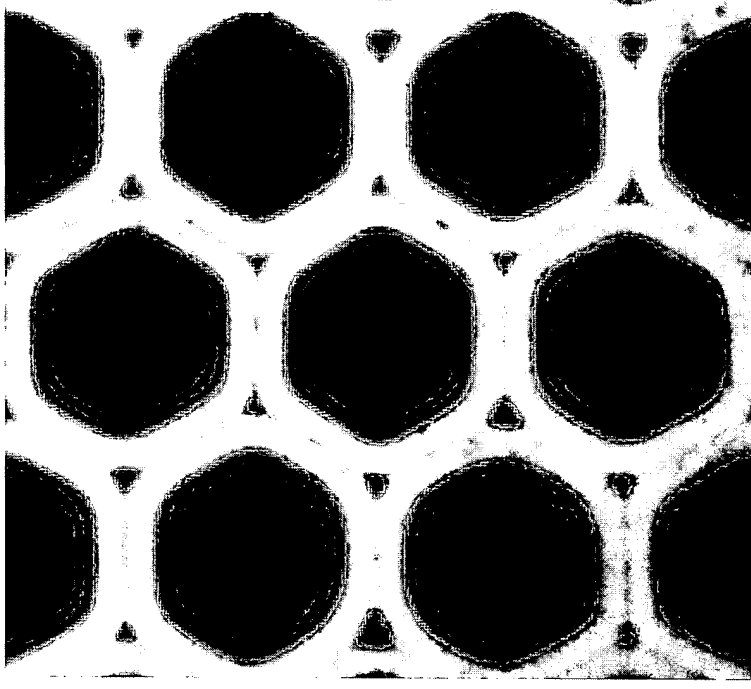


Fig. 6B

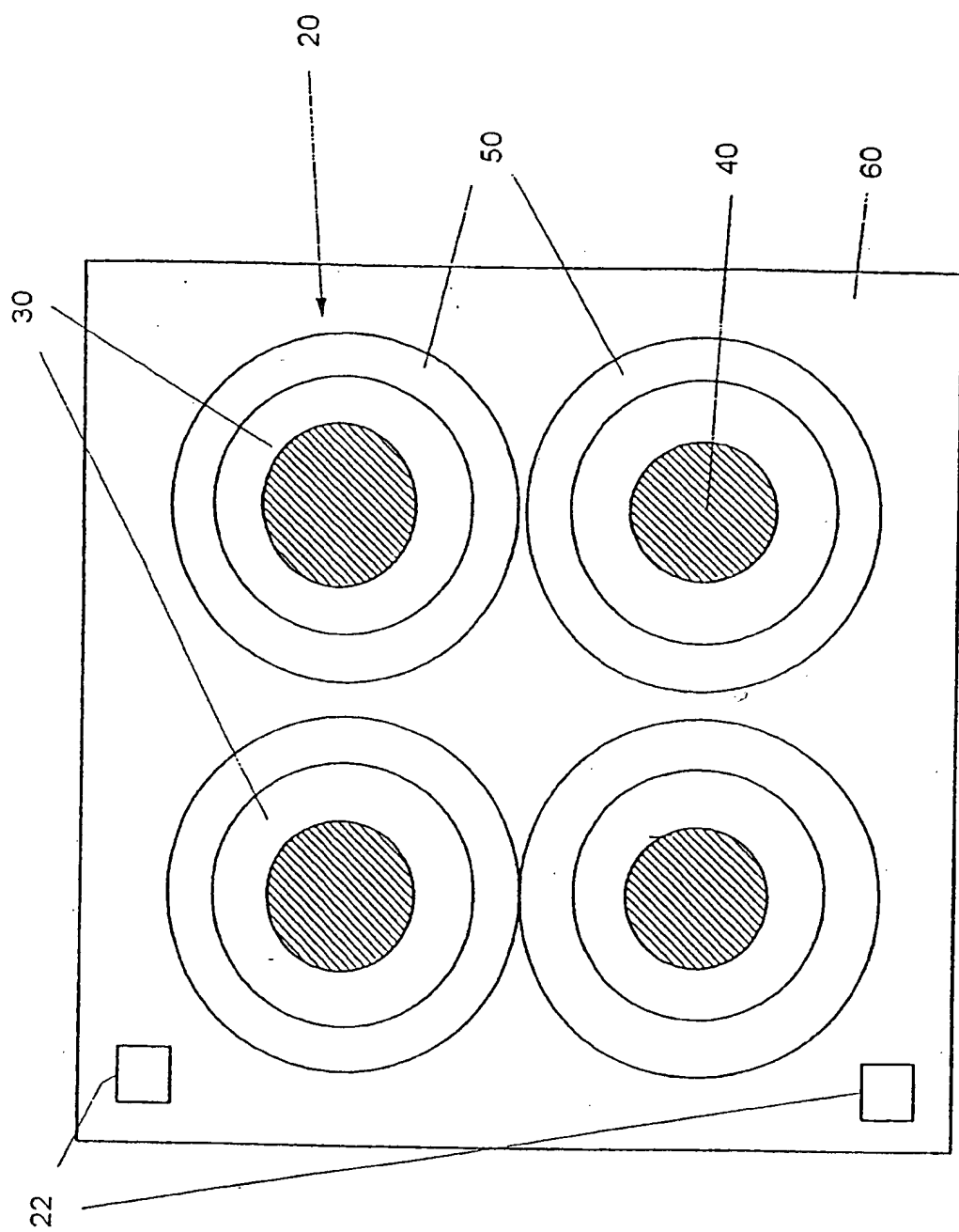


FIG. 7



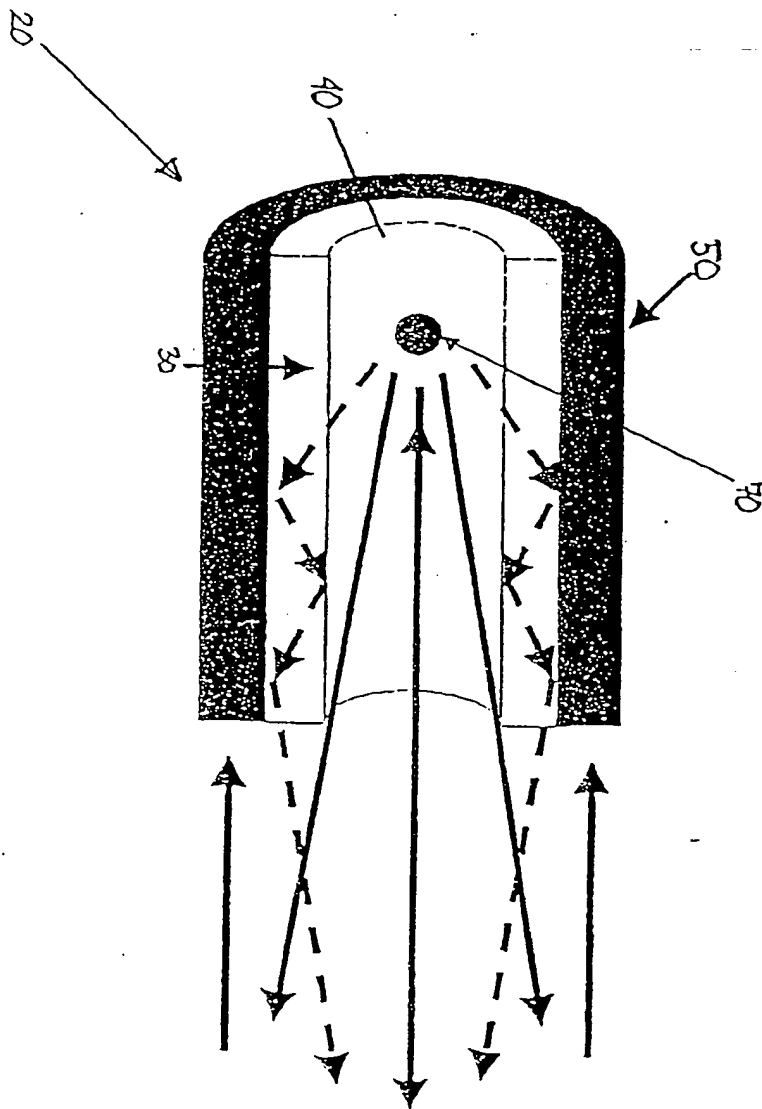


Figure  
8

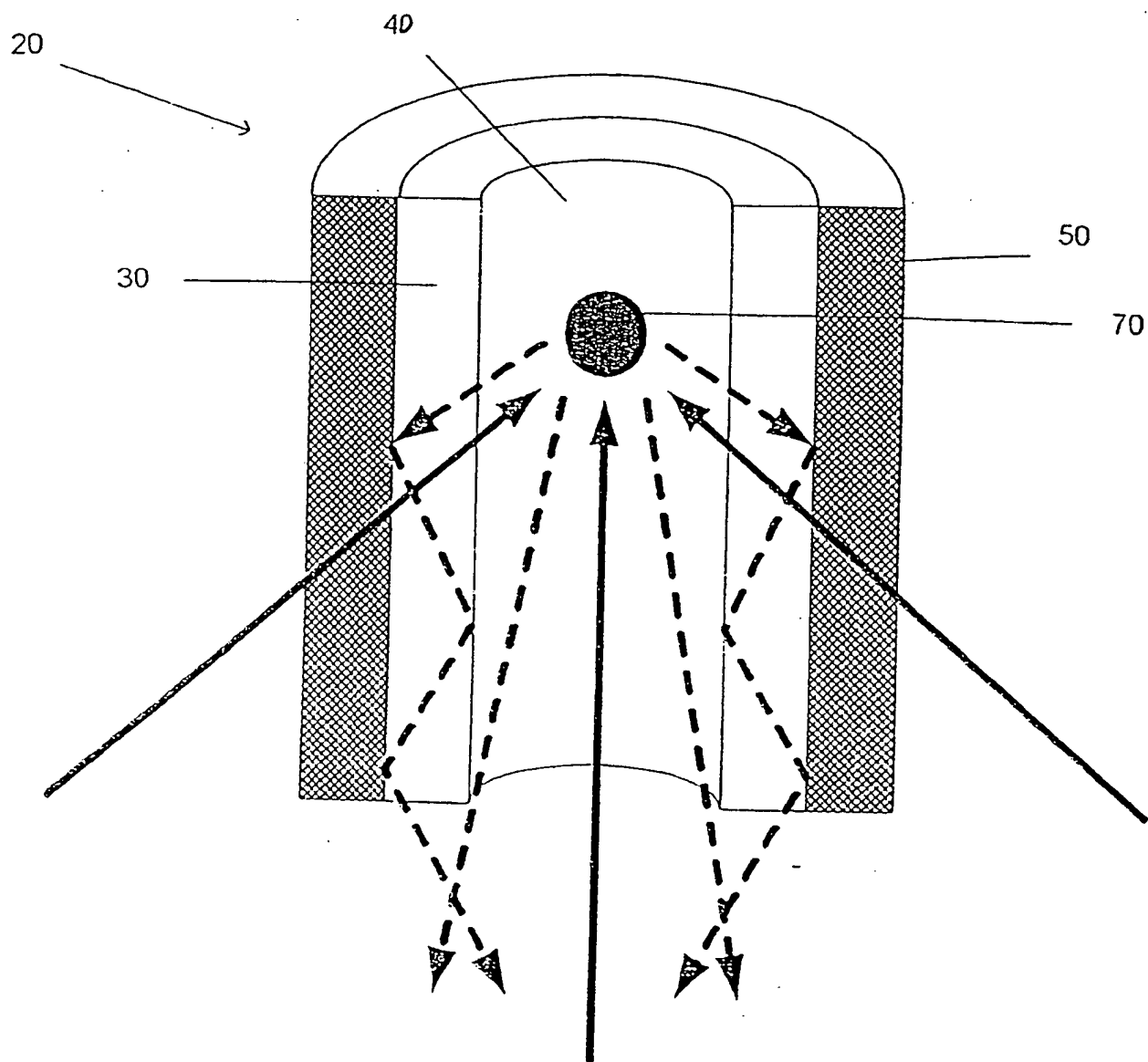


Figure  
9

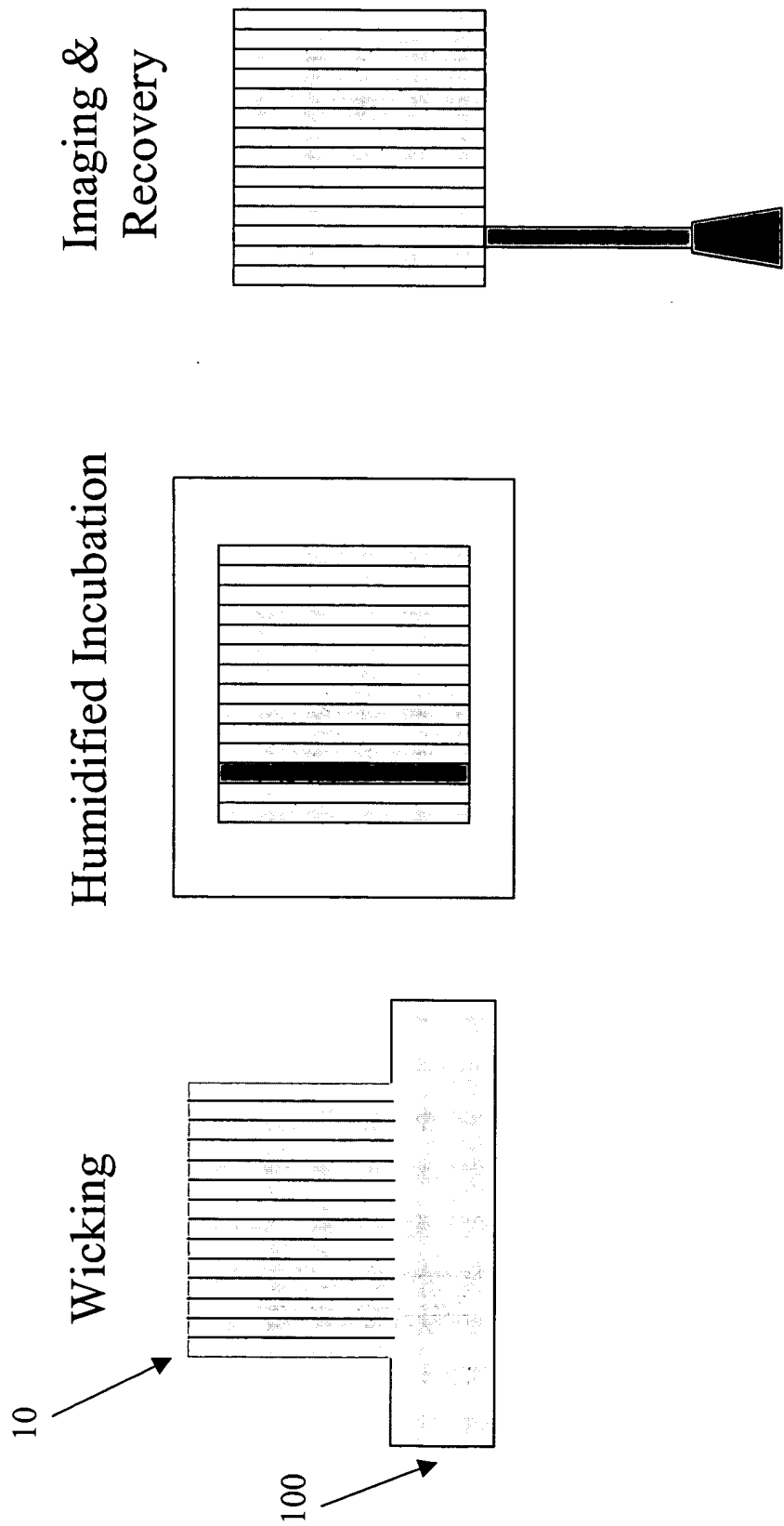


Fig. 10

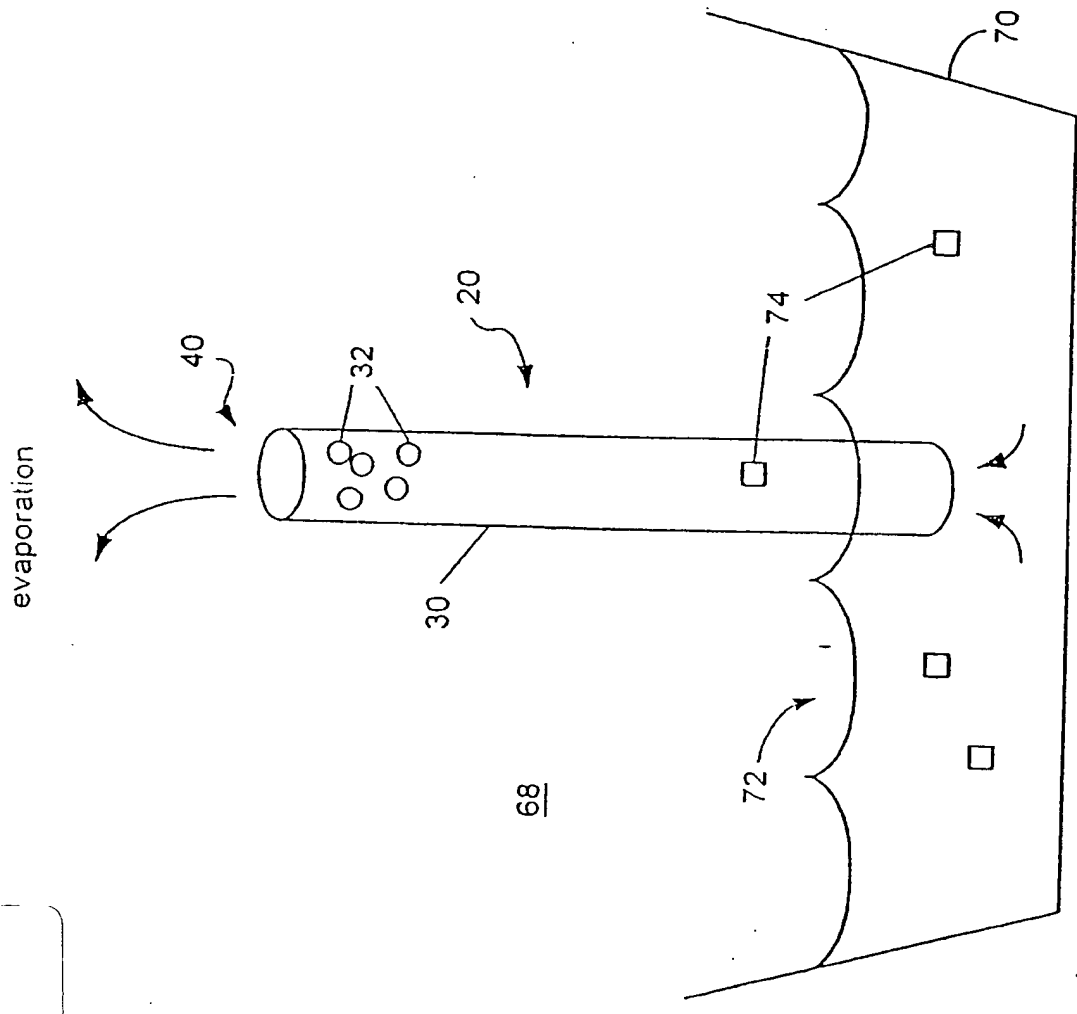


Figure 11

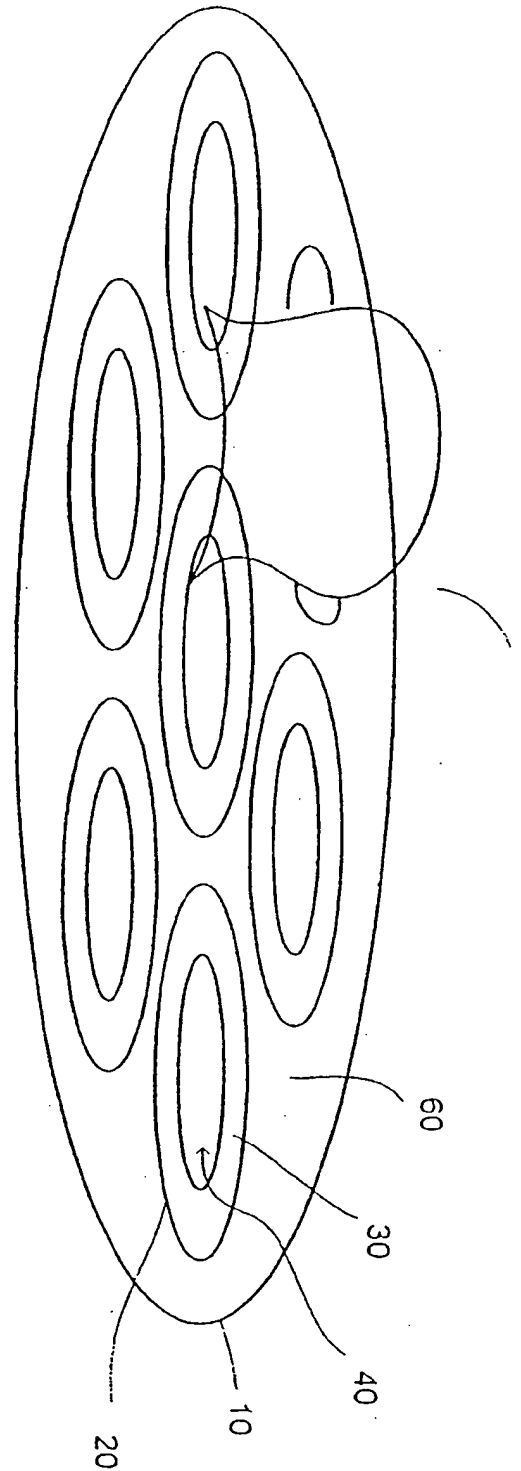


Figure  
12A

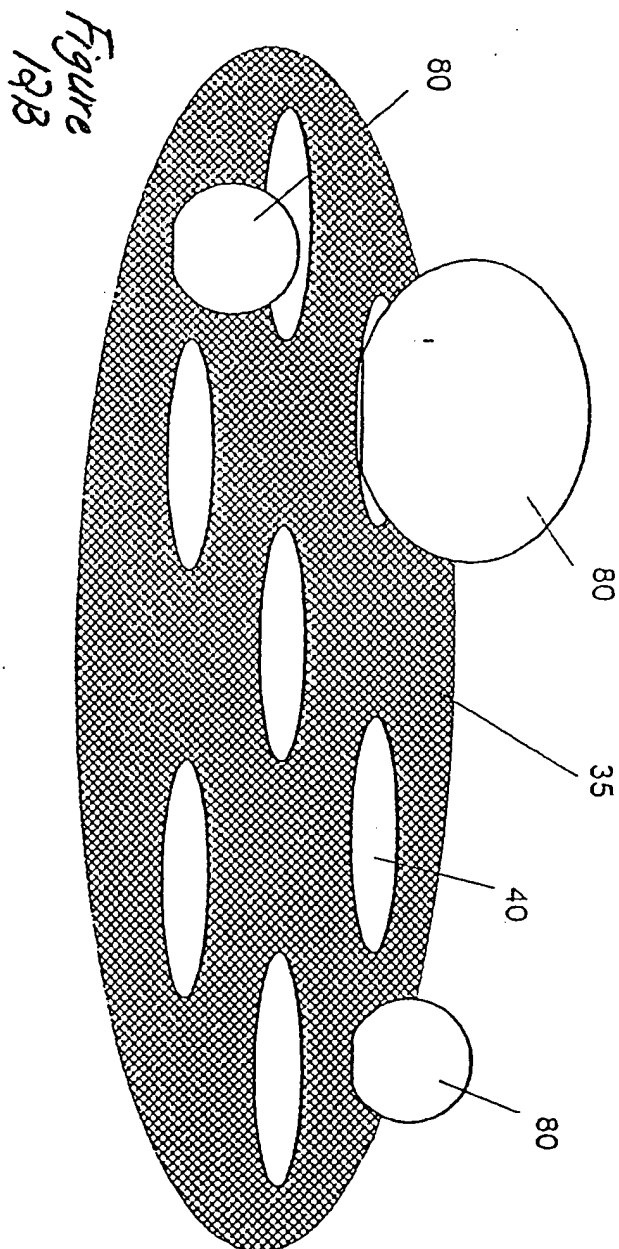


Figure 12B

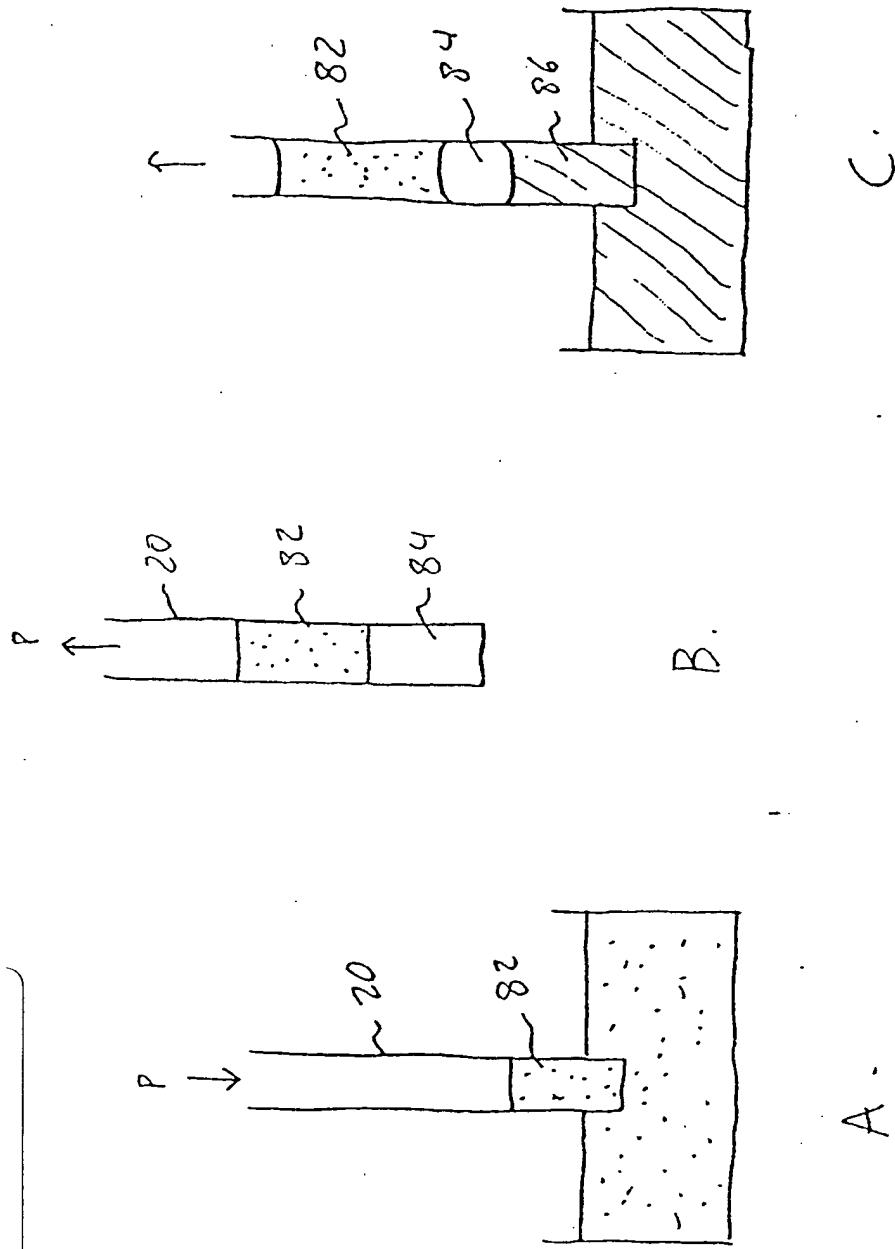


Figure  
13

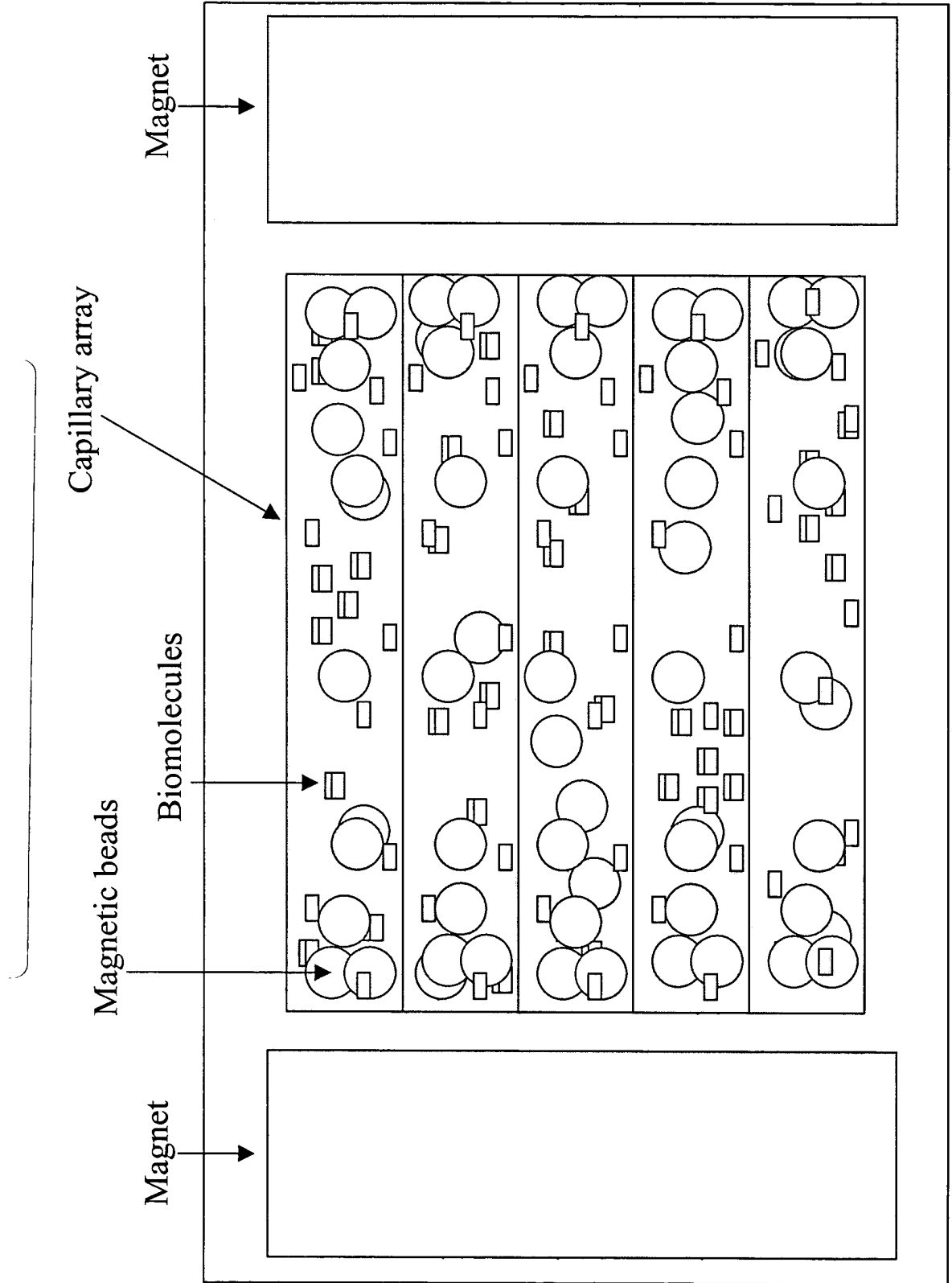


Fig. 14A

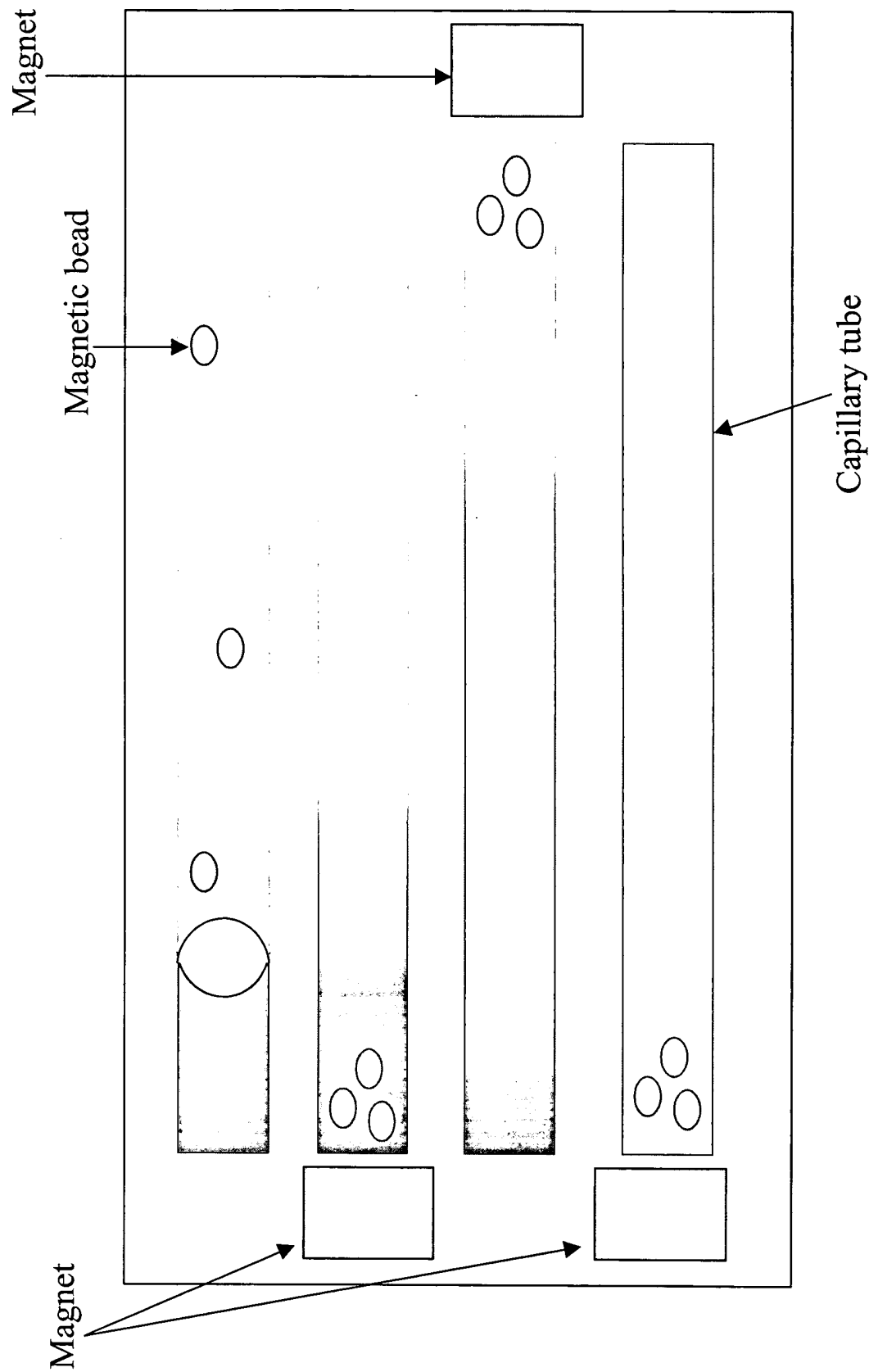


Fig. 14B



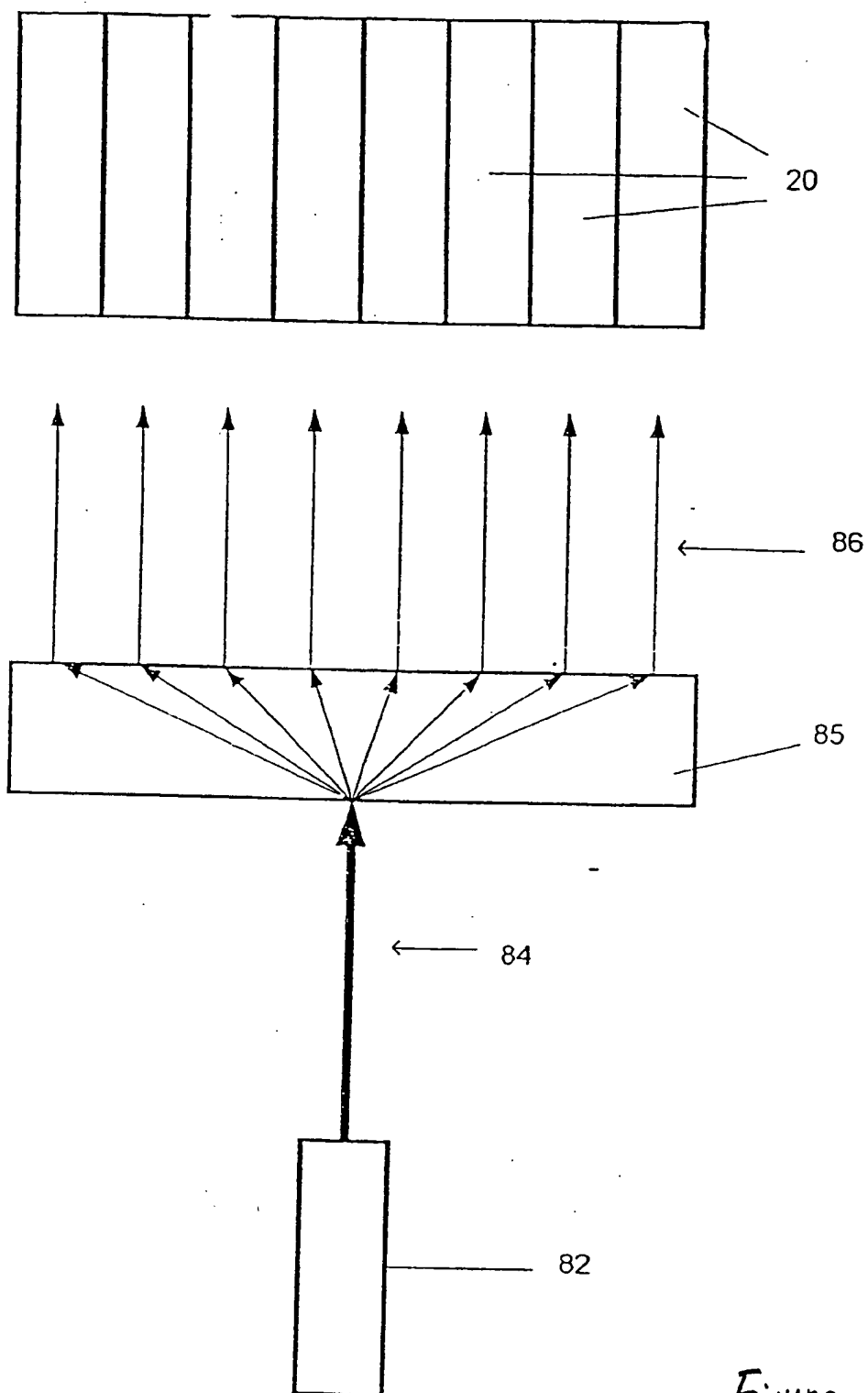
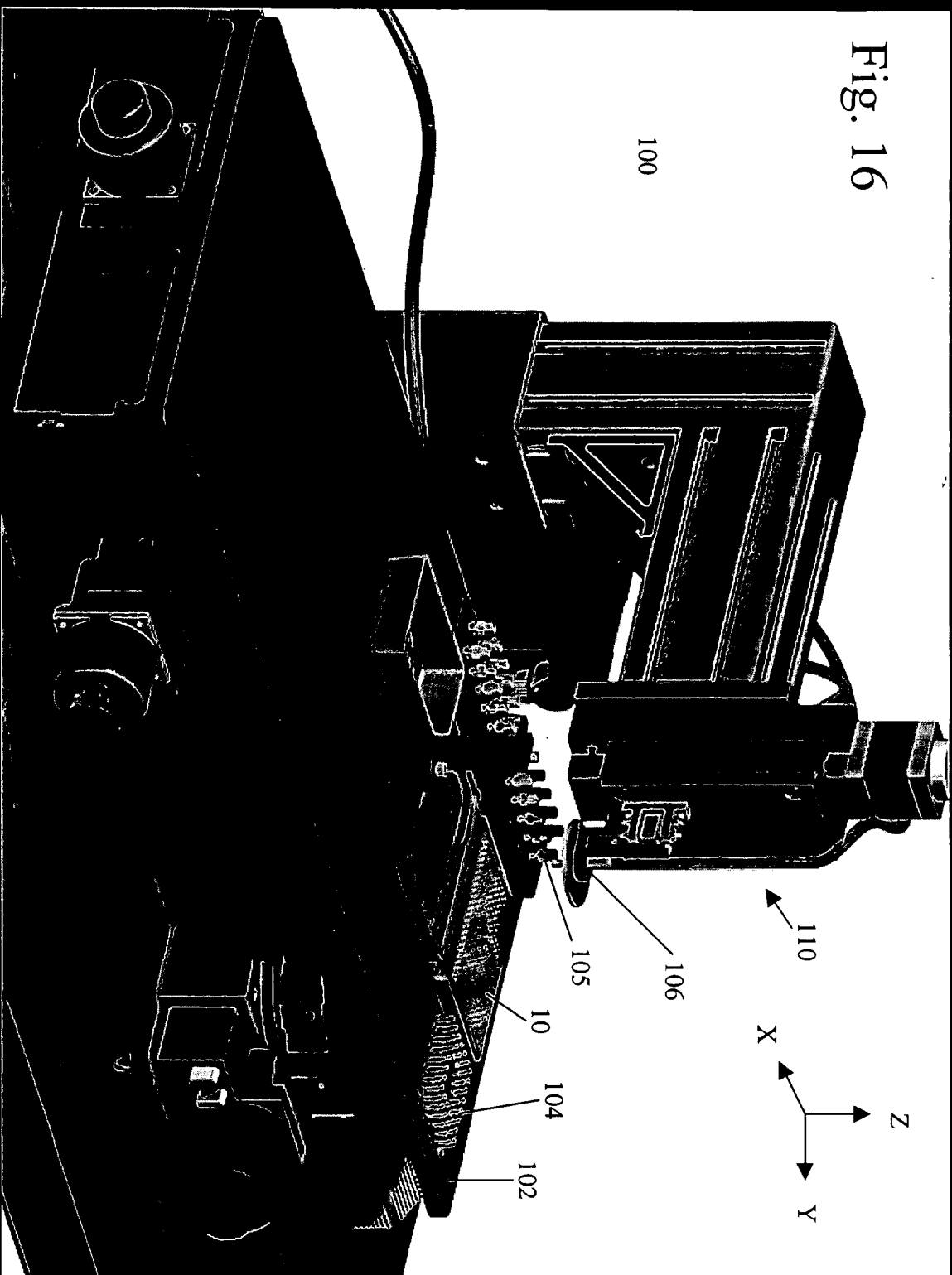


Figure  
15

# Automated Hit Detection & Recovery System

Fig. 16



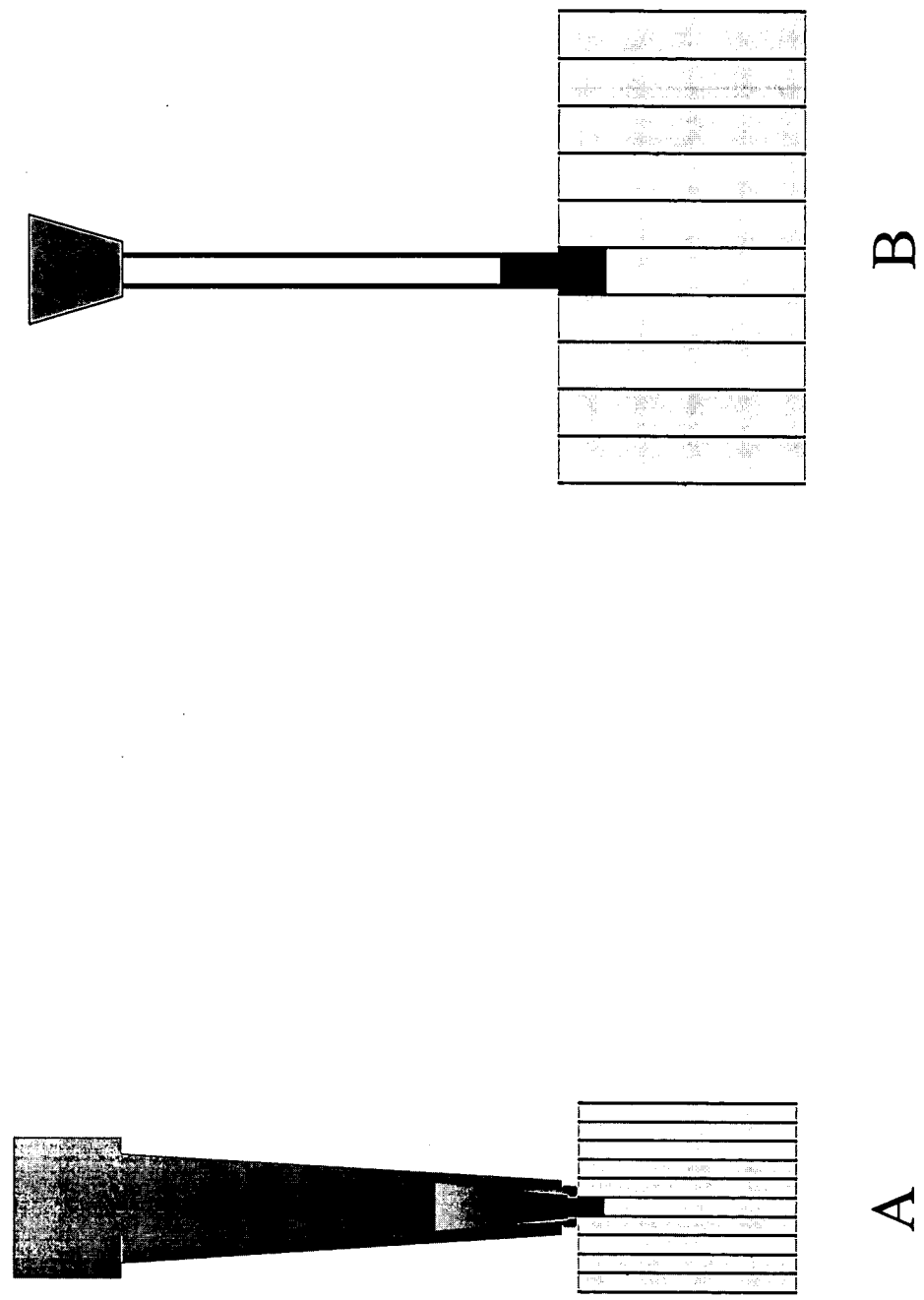


Fig. 17

[illegible]


**Vacuum** 

Fig. 17C

Discovery System

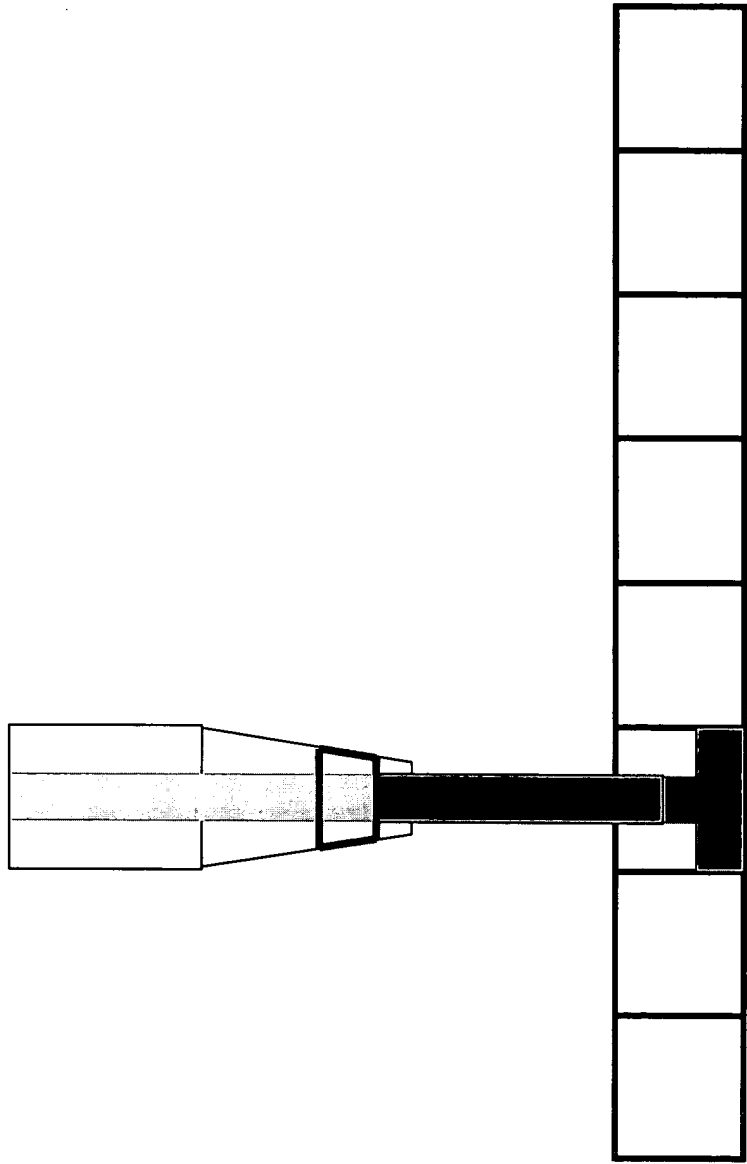


Fig. 17D

# HTP Enrichment of Low Copy Gene Targets

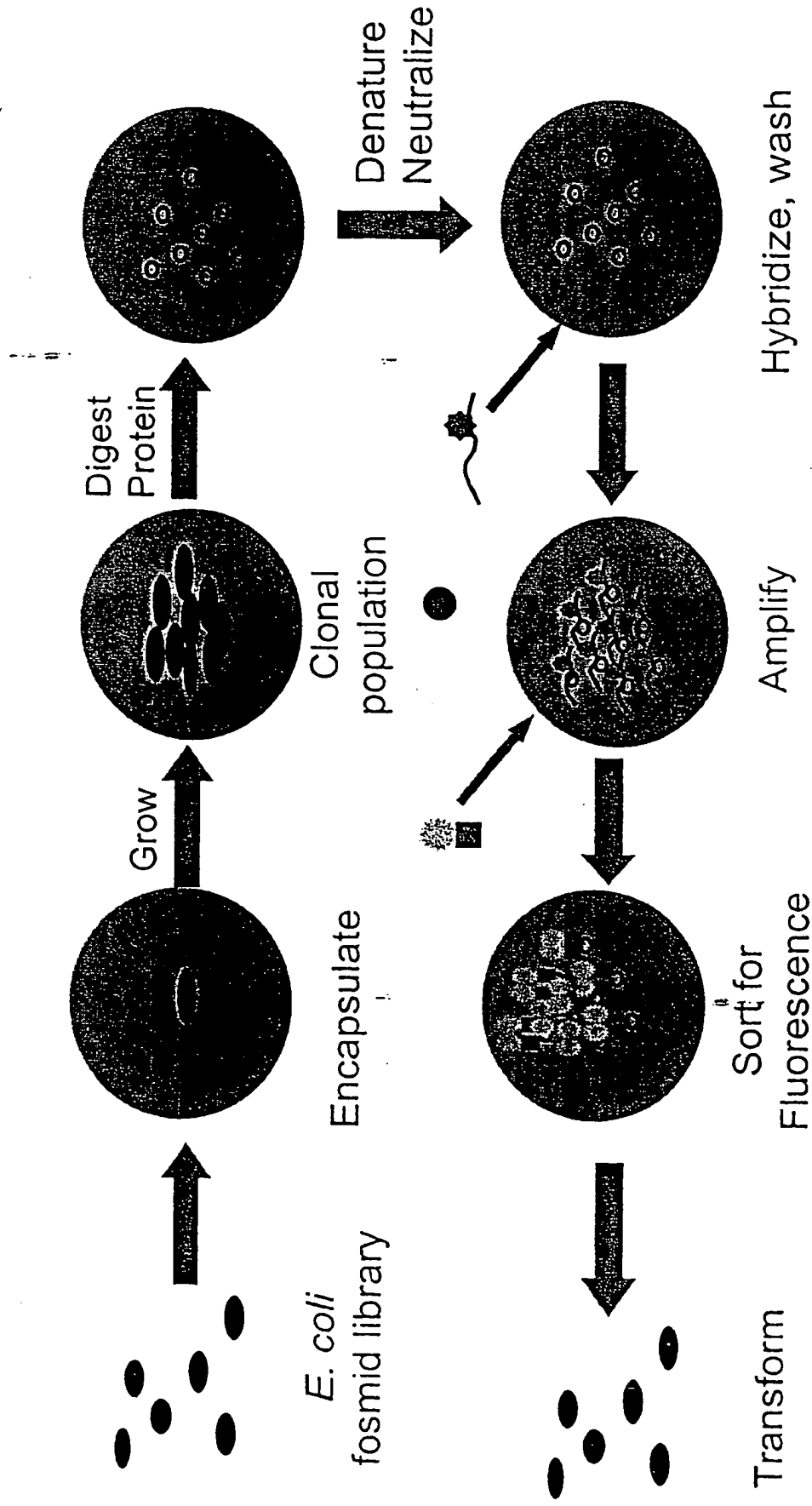


FIG. 18

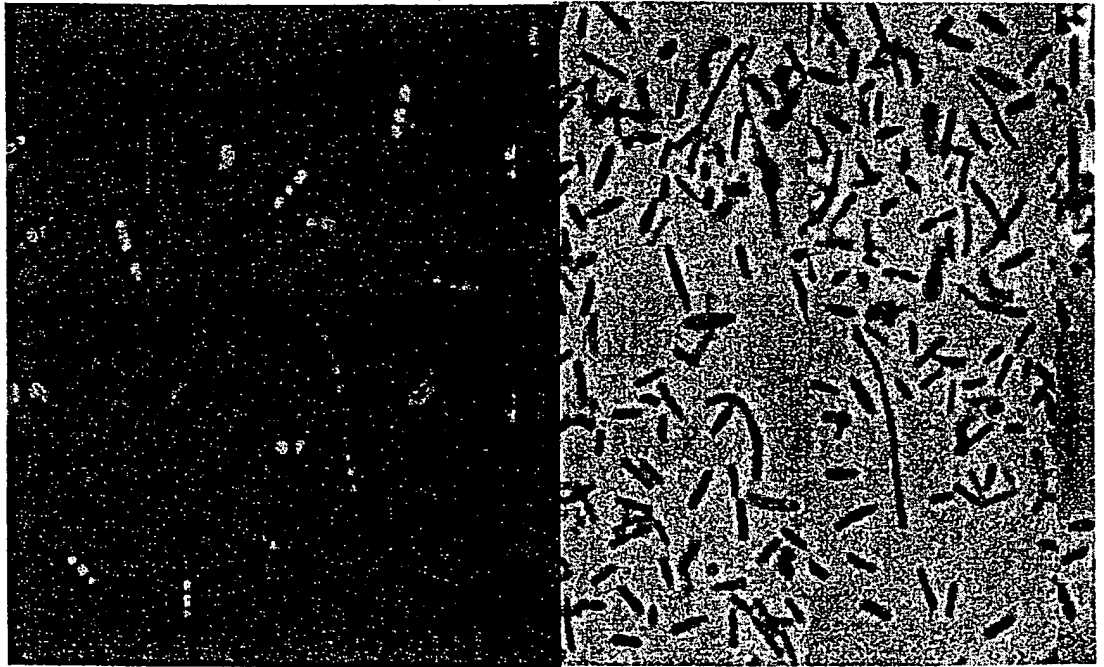
[illegible]

## Alignment of Environmental PKS Sequence

FIG. 19

# Whole Cell Hybridization

Library 557 + 95ES11 clone  
Probe: Fluorescein-95ES11



Fluorescein  
Excitation

White  
light

FIG. 20



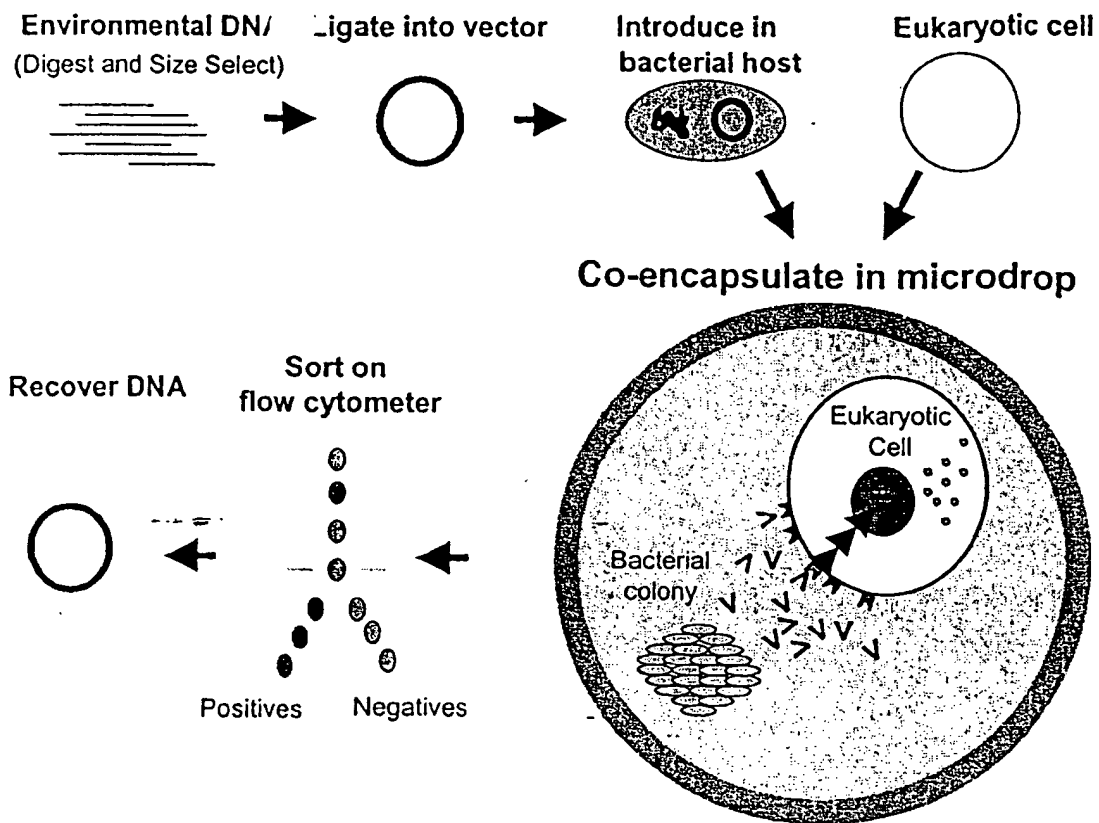


FIG. 21

# Whole Cell Hybridization Protocol

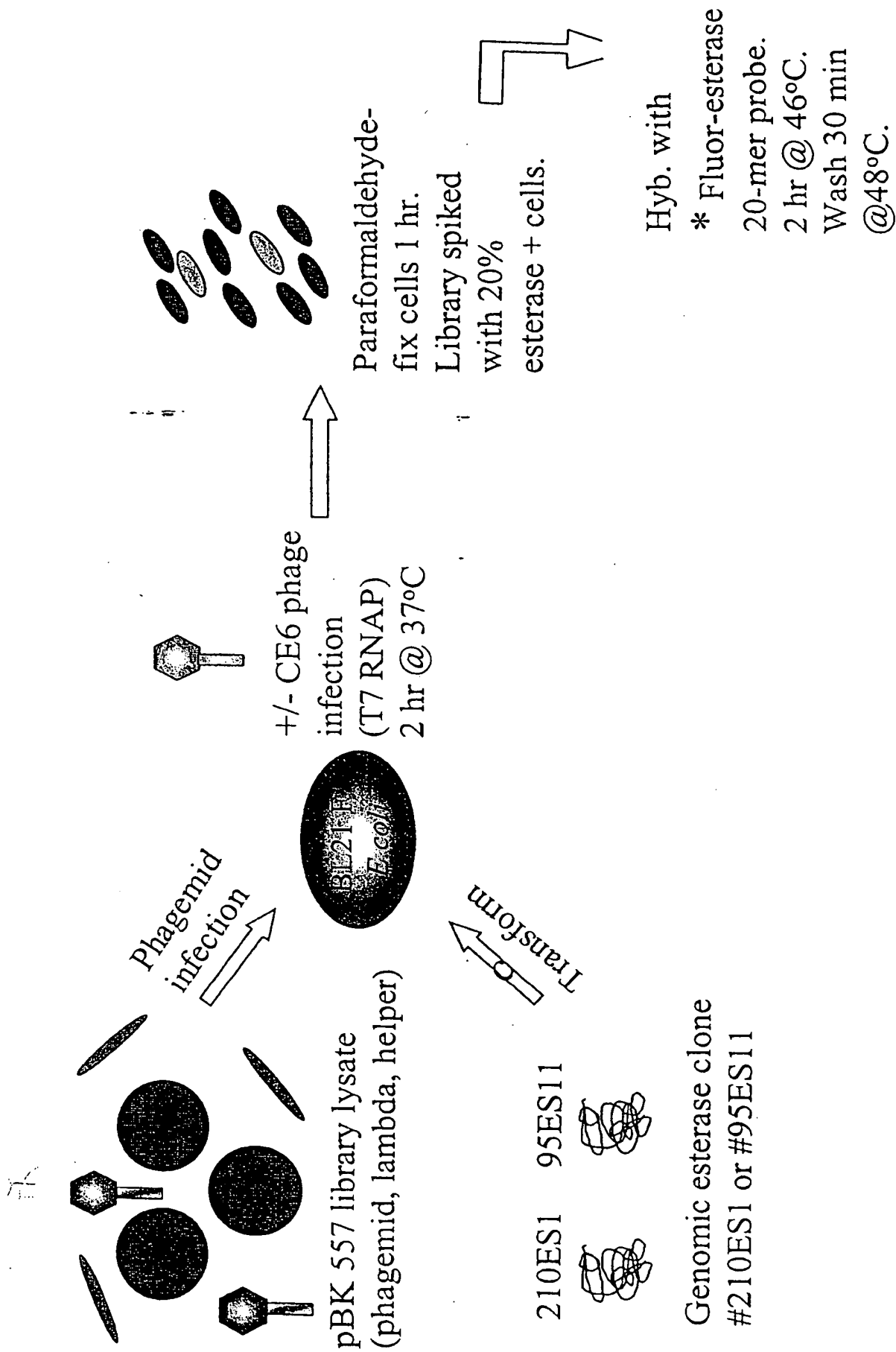


FIG. 22

# T7 RNA Polymerase Expression System

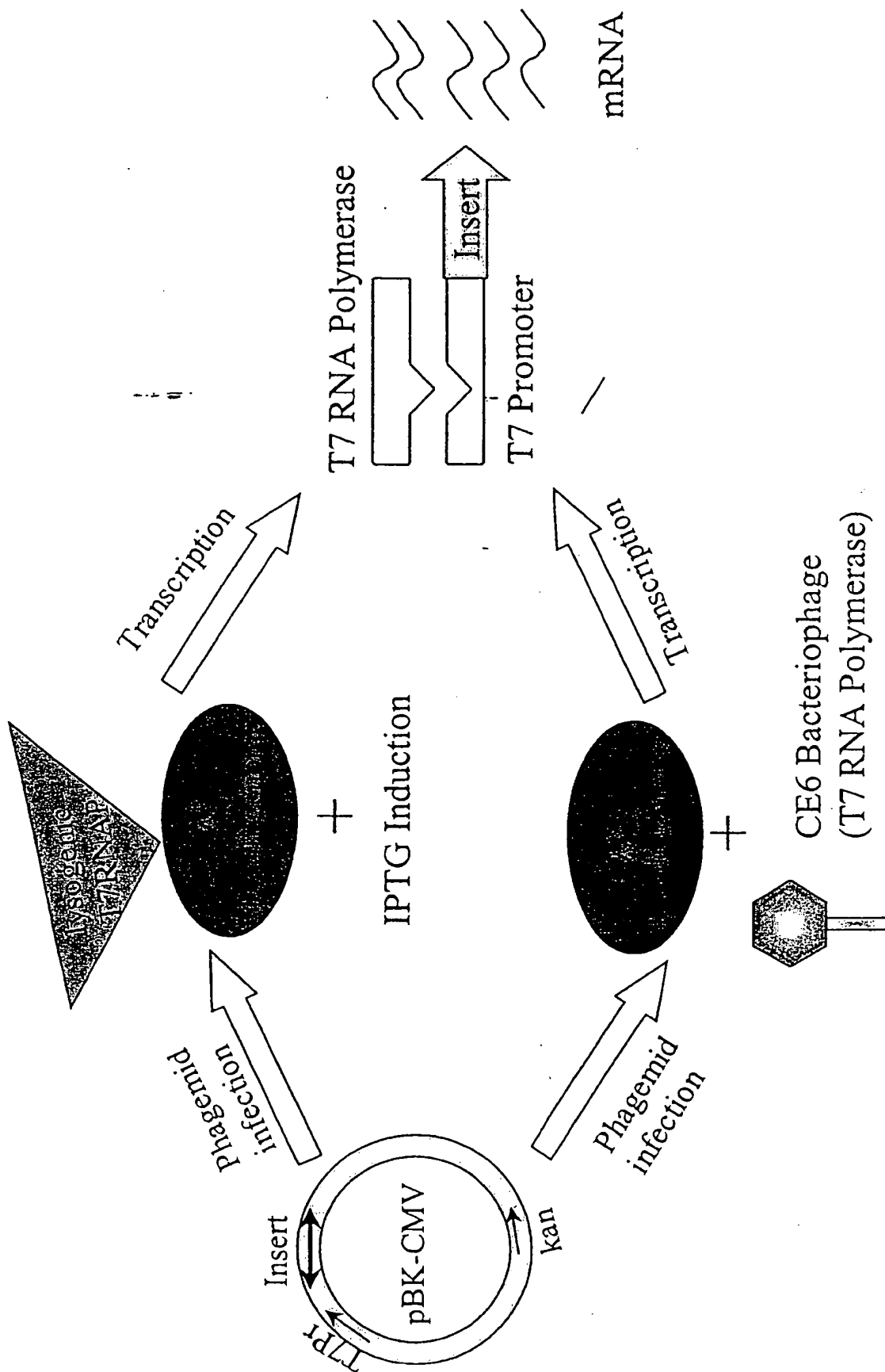


FIG. 23

Figure 24

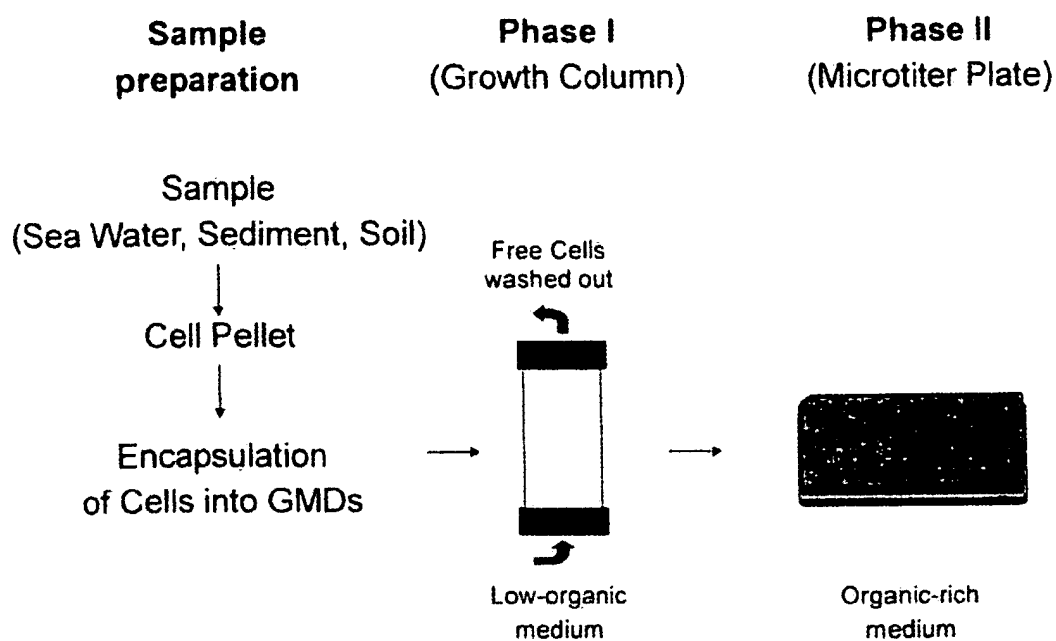


Fig. 24

Figure 25

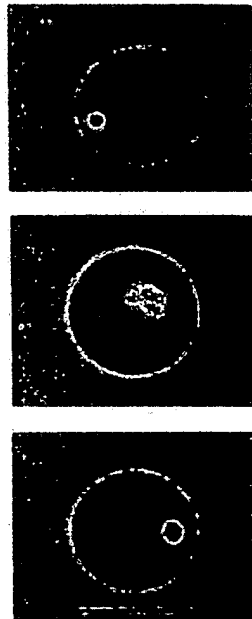
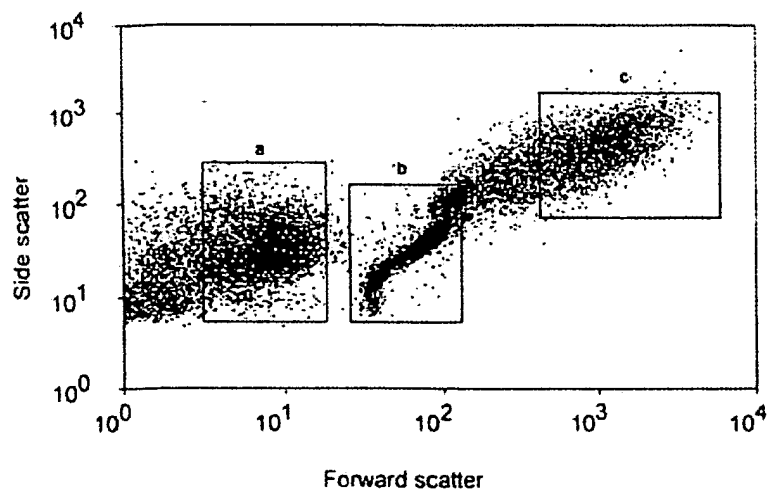


Fig. 25

Figure 26

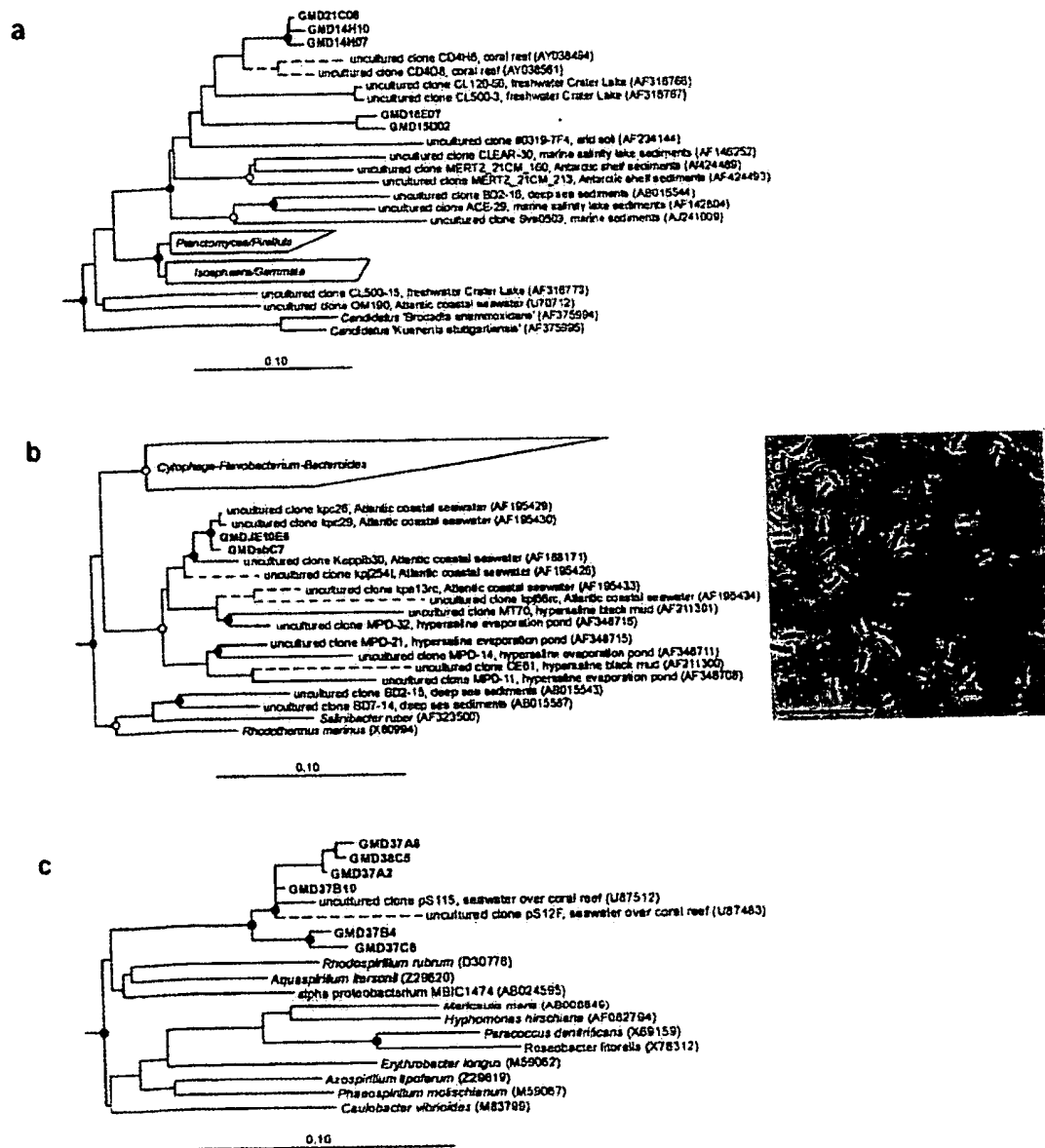
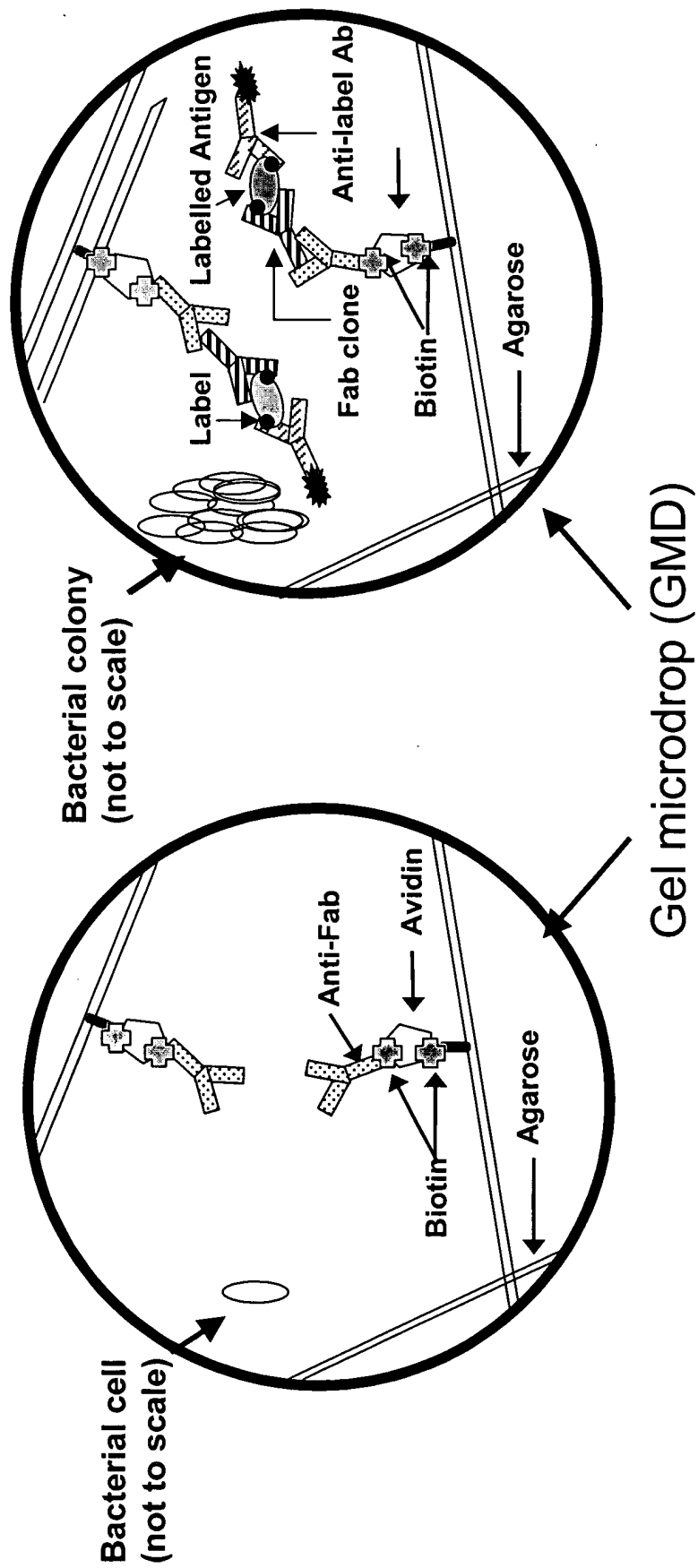


Fig. 26

Fig. 27



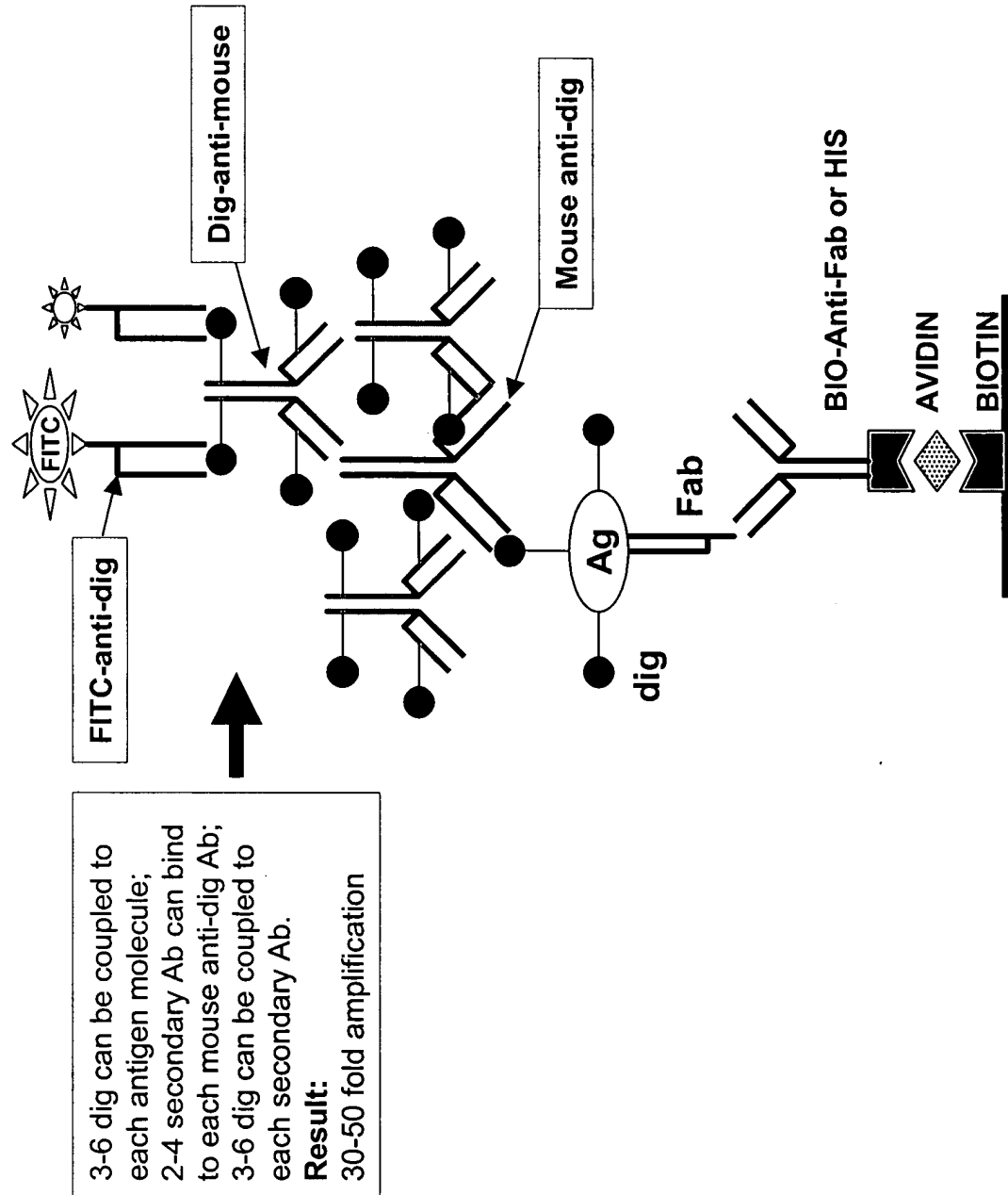
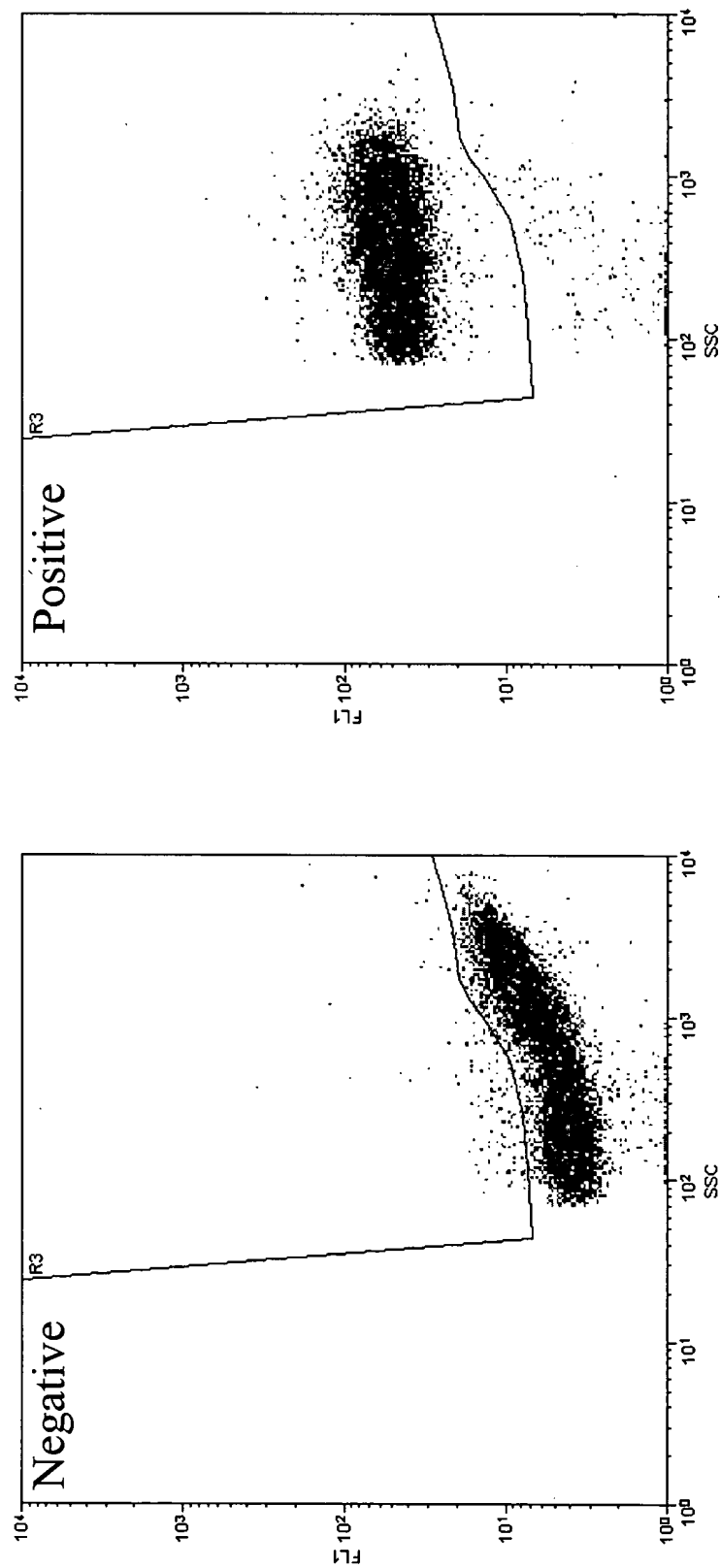


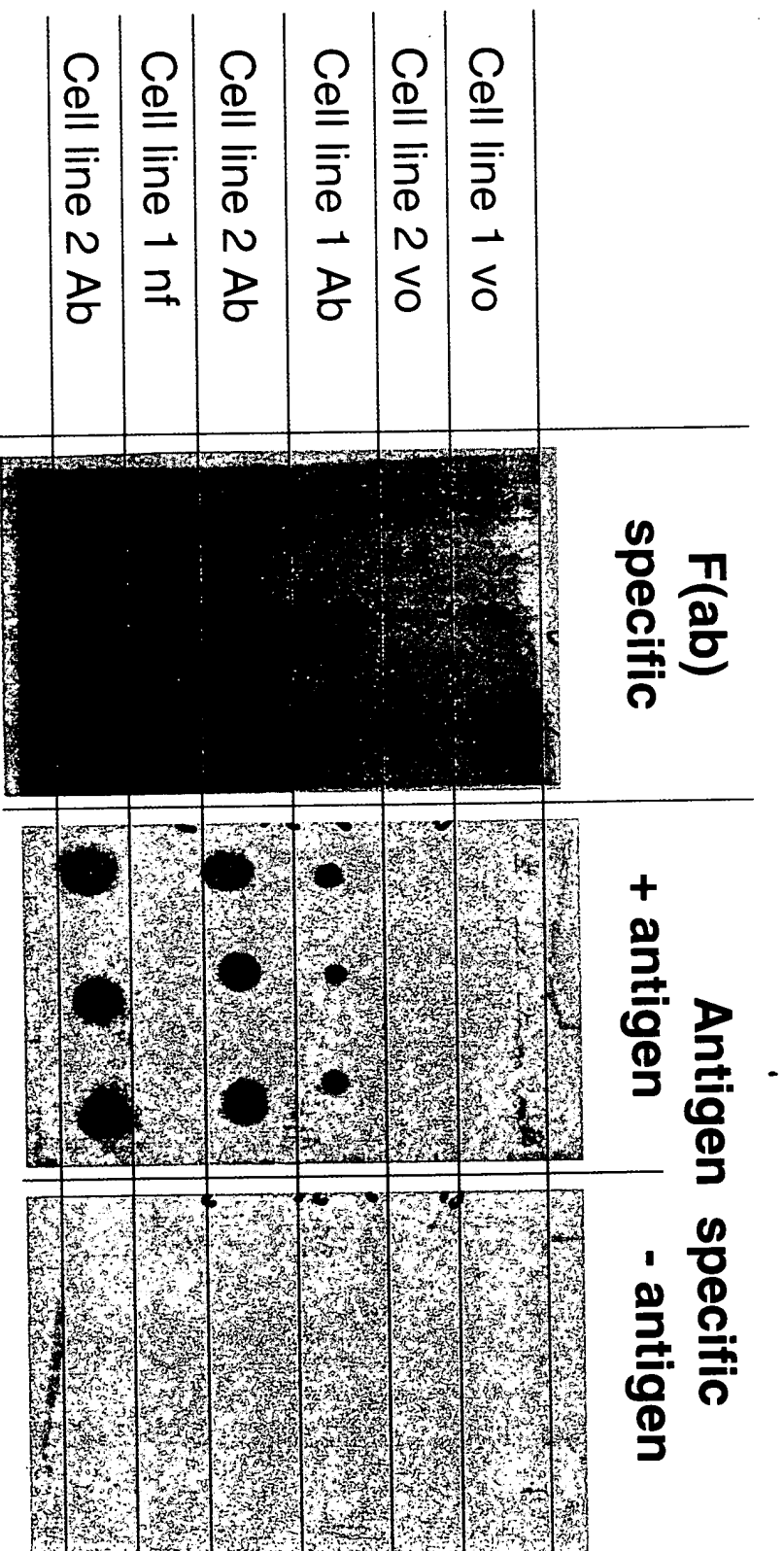
Fig. 28



**Fig. 29**



**Fig. 30**





***Fig 31***